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SEQ ID NO: 2	1	TRRKYPTRFDLTLEFFSRRKPRAKAPTTPVMSAAVGGAEFHGFRGGGAAQLQSRM	60
SEQ ID NO: 4	M	-----TTSEF-----PATSAPLKD--KVQIPSEFHGLRSSASALPRNA	
SEQ ID NO: 6		-----	
SEQ ID NO: 7		-----MSGAIGGAEVHGFRGA---AAQLPRSRV	
SEQ ID NO: 8	M	-----TTSEF-----AAINIAVADDPNPKLQIHNFSGLKSTSNLLSRR	
SEQ ID NO: 2	61	120	
SEQ ID NO: 4		LGRPLRVATPHAAAPAGGGSSASIRAVSAPLKKDASEVKRSKVEIIKEKSNFLRYPLN	
SEQ ID NO: 6		LSLP---SSTR-----SLSLIRAVSTPAQSETATVKRSKVEIFKEQSNFIRYPLN	
SEQ ID NO: 7		-----	
SEQ ID NO: 8		LGRPIRVAPPAAARP---GGASAGSIRAVSAPAKKDASEVKRSKVEIIKEKSNFLRYPLN	
		LHVFSQSFSPN-----PSSIIRAVSTPAKPAAVEPKRSKVEIFKEQSNFIRYPLN	
SEQ ID NO: 2	121	180	
SEQ ID NO: 4		EELVSEAPNINDSAVQLIKFHGSYQQTDRDVRGQKNYSFMLRTKNPCGKVPNQLYLAMDT	
SEQ ID NO: 6		EDILTDAPNISEAATQLIKFHGSYQQYNREERGSRYSFMI RTKNPCGKVSQLYLTMD	
SEQ ID NO: 7		-----	
SEQ ID NO: 8		EELVSEAPNINESAVQLIKFHGSYQQTDRDVRGQKNYSFMLRTKNPCGKVPNQLYLAMDT	
		EEILNDAPNINEAATQLIKFHGSYMQYDRDERGGRYSFMLRTKNPGGEVFNRLYLVMDD	
SEQ ID NO: 2	181	240	
SEQ ID NO: 4		LADQFGIGTLRLTTRQTFQLHGVLKKNLKTIVSTVIKNMGSSLGACGDLNRNVLAPAAPY	
SEQ ID NO: 6		LADQFGIGTLRLTTRQTFQLHGVLKKNLKTVMGTIIRNMGSTLGACGDLNRNVLAPAAPL	
SEQ ID NO: 7		-----	
SEQ ID NO: 8		LADQFGIGTLRLTTRQTFQLHGVLKKNLKTIVSTVIKNMGSTLGACGDLNRNVLAPAAPY	
		LADQFGIGTLRLTTRQTFQLHGVLKKNLKTVMSTIIRNMGSTLGACGDLNRNVLAPAAPF	

FIG. 1A

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SEQ ID NO: 2	241	VRKDILFAQETAENIAALLTPQSGAYYDLWVDGEKIMSAEPEVTKARNDNTYGTNFPD	300
SEQ ID NO: 4		ARKDYLFAQQTAENIAALLAPQSGFYDIWVDGEKILTSE-PPEVVQARNDNSHGTNFPD	
SEQ ID NO: 6		-----	
SEQ ID NO: 7		VK KDILFAQQTAENIAALLTPQSGAYYDLWVDGEKIMSAEPEVTKARNDNSHGTNFPD	
SEQ ID NO: 8		AKKDYMF AKQTADNIAALLTPQSGFYDVWVDGEKVMTAE-PPEVVKARNDNSHGTNFPD	
SEQ ID NO: 2	301	SPEPIYGTQYLPRKFKIAVTVAGDNSVDILTNDIGVVVSDSAGEPVGFNIYVGGGMGR	360
SEQ ID NO: 4		SPEPIYGTQFLPRKFKIAVTPTDNSVDILTNDIGVVVTDDDGEPQGFNIYVGGGMGR	
SEQ ID NO: 6		-----	
SEQ ID NO: 7		SPEPIYGTQYLPRKFKVAVTAAGDNSVDILTNDIGVVVSDDAGEPIGFNIYVGGGMGR	
SEQ ID NO: 8		SPEPIYGTQFLPRKFKIAVTPTDNSVDIFTNDIGVVVSNEDGEPQGFNIYVGGGMGR	
SEQ ID NO: 2	361	HRVETTFPRLADPLGYVPKEDILYAIKAI VVTQRENGRRDRRYSRMKYLLDNWGIEKFR	420
SEQ ID NO: 4		HRLETFPRLAEPIGYVPKEDILYAVKAI VVTQRENGRRDRRYSRLKYLISSWGIEKFR	
SEQ ID NO: 6		-----AI VVTQRENGRRDRRYSRLKYL LDSWGIDKFR	
SEQ ID NO: 7		HRVETTFPRLADPLGYVPKEDILYAIKAI VVTQRENGRRDRRYSRMKYMIDRWGIDRFR	
SEQ ID NO: 8		HRMETTFPRLAEPLGYVPKEDILYAVKAI VVTQRENGRRDRRYSRLKYL LSSWGIEKFR	
SEQ ID NO: 2	421	AEVEKYGKKFFEDSRPLPEWQFNSYLGWQEQQDGKLFYGVHVDNGRVAGQAKKTLREIIE	480
SEQ ID NO: 4		SVVEQYGGKKFFEPFRALPEWEFKSYLGWHEQQDGKLFYGLHVDNGRIGGNMKTTLREVIE	
SEQ ID NO: 6		AEAEKYGKKFFEDFRPLPEWQFNSYLGWQEQQDGKLFYGVHVDNGRGLGQAKKTLREIIE	
SEQ ID NO: 7		AEVEKYGKKFFESFRPLPEWQFNSYLGWQEQQDGKLFYGVHVDNGRVGQAKKTLREIIE	
SEQ ID NO: 8		SVTEQYGGKKFQPCRELPEWEFKSYLGWHEAGDGS LFCGLHVDNGRVKGAMKKALREVIE	

FIG. 1B

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SEQ ID NO: 2	540	KYNLEVSITPNQNILCGIDQAWKDPITAAQAQSGLLLEPKDVPDLNITSMACPALPLCPL
SEQ ID NO: 4		KYNLNVIRITPNQNIILTDVRAAWKRPIITTLAQAGLLQPRFVDPLNITAMACPAFPLCPL
SEQ ID NO: 6		KYSLDVSITPNQNILCGVDQAWREPITAAQAQAGLLLEPKDVDLLNITSMACPALPLCPL
SEQ ID NO: 7		KYNLDVSITPNQNILCGIDQAWREPITTLAQAGLLLEPKDVPDLNLTAMACPALPLCPL
SEQ ID NO: 8		KYNLNVRLTPNQNIILCNIRQAWKRPIITVLAQGGLLQPRYVDPLNLTAMACPAFPLCPL
SEQ ID NO: 2	600	AQTEAERGILPILKRIRAVFDKVGIKDHESVVVRITGCPNGCCARPYPYMAEVGVGDGPNYSY
SEQ ID NO: 4		AI TEAERGIPNILKRIRDVFDKVGGLKYSESVVVVRITGCPNGCCARPYPYMAELGLVGDGPNYSY
SEQ ID NO: 6		AQTEAERGILPILKRIRAVFDKVGIKDEESVVVRITGCPNGCCARPYPYMAEVGVGDGPNYSY
SEQ ID NO: 7		AQTEAERGILPILKRIRAVFNKVGIKDSESVVVVRITGCPNGCCARPYPYMAELGVGDGPKSY
SEQ ID NO: 8		AI TEAERGIPDILKRVRAIFERVGLKYSESVVIRITGCPNGCCARPYPYMAELGLVGDGPNYSY
SEQ ID NO: 2	660	QIWLGGTPNQSTLAETFMNKKVLQDIEKVLPLEPFSYWNSTRQEGESFGSFTRRTGFDKLLK
SEQ ID NO: 4		QIWLGGNHHKQTSLARSFMDRVKILDLKVLPLEPFLFYWKQKRQSKESFGDFTNRMGFEKLLK
SEQ ID NO: 6		QIWLGGTPNQSTLAETFMNKKVLQDIEKVLPLEPFSYWNSTRQEGESFGSFTNRMGFEQLK
SEQ ID NO: 7		QIWLGGTPNQSTLAESFMDKVKLDDIEKVLPLEPFTYWNSTRQEGESFGSFTNRTGFDKLLK
SEQ ID NO: 8		QIWLGGTPNQSTLAKTFKDKLVQDLEKVLPLEPFFHWRKRQSKESFGDFTNRMGFEKLLG

FIG. 1C

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661	720
SEQ ID NO:2	EVNKAESASAA-----
SEQ ID NO:4	EYIEKWEGPVVAPSRHNLKLFADKETYESMDALAKLQNKTAHQ LAMEVIRNYVASNQNGK
SEQ ID NO:6	EVNKAESASAA-----
SEQ ID NO:7	EVNKAESPSAA-----
SEQ ID NO:8	EFVEKWEGIPESSRYNLKLFADRETYEAMDALASIQDKNAHQ LAIEVVRNYVASQQNGK
721	
SEQ ID NO:2	---
SEQ ID NO:4	G-E
SEQ ID NO:6	---
SEQ ID NO:7	---
SEQ ID NO:8	SMD

FIG. 1D